

| Ref # | Hits  | Search Query   | DBs                                | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|------------------------------------|------------------|---------|------------------|
| L5    | 8     | "5787132".pn. "6,167078".pn. "6301297".pn. "5623522".pn.   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2005/01/04 07:40 |
| L6    | 4     | (US-6301297-\$ or US-6167078-\$ or US-5787132-\$ or US-5623522-\$).did.  | USPAT                              | OR               | OFF     | 2005/01/04 08:32 |
| L13   | 0     | (start adj2 bit) with (error and cpu and (interrupt adj request))  | USPAT                              | OR               | OFF     | 2005/01/04 08:34 |
| L14   | 220   | (start adj2 bit) and (error and cpu and (interrupt adj request))   | USPAT                              | OR               | OFF     | 2005/01/04 08:34 |
| L15   | 217   | 14 and @ad<="20010222"   | USPAT                              | OR               | OFF     | 2005/01/04 08:34 |
| L16   | 149   | 15 and (uart or asynchronous)  | USPAT                              | OR               | OFF     | 2005/01/04 08:35 |
| L17   | 23    | 16 and (edge adj2 detect\$3)   | USPAT                              | OR               | OFF     | 2005/01/04 08:35 |
| L18   | 9     | (US-6816544-\$ or US-6112275-\$ or US-6067318-\$ or US-5805909-\$ or US-5761697-\$ or US-5729573-\$ or US-5644593-\$ or US-4679191-\$ or US-4477847-\$).did. | USPAT                              | OR               | OFF     | 2005/01/04 08:59 |
| L19   | 43747 | uart or asynchronous   | USPAT                              | OR               | OFF     | 2005/01/04 08:59 |
| L20   | 6     | 19 and ((start adj bit) with error) and ((halt\$3 or interrupt\$3) adj transmission)   | USPAT                              | OR               | OFF     | 2005/01/04 09:22 |
| L21   | 0     | 19 and ((start adj bit) with error with ((halt\$3 or interrupt\$3) adj transmission)   | USPAT                              | OR               | OFF     | 2005/01/04 09:17 |
| L22   | 0     | 19 and ((start adj bit) with detect\$3) with ((halt\$3 or interrupt\$3) adj transmission)  | USPAT                              | OR               | OFF     | 2005/01/04 09:18 |
| L23   | 21    | 19 and ((start adj bit) with detect\$3) and ((halt\$3 or interrupt\$3) adj transmission)   | USPAT                              | OR               | OFF     | 2005/01/04 09:18 |
| L24   | 20    | 23 and @ad<="20010222"   | USPAT                              | OR               | OFF     | 2005/01/04 09:33 |
| L25   | 62    | 19 and ((halt\$3 or interrupt\$3) adj (transmission or transmitting or receiv\$3 or reception)) with error   | USPAT                              | OR               | OFF     | 2005/01/04 09:23 |
| L26   | 62    | 25 and @ad<="20010222"   | USPAT                              | OR               | OFF     | 2005/01/04 09:24 |
| L27   | 2     | 26 and ((start adj2 bit) with detect\$3)   | USPAT                              | OR               | OFF     | 2005/01/04 09:26 |
| L28   | 4     | 26 and ((start adj2 bit) and detect\$3)  | USPAT                              | OR               | OFF     | 2005/01/04 09:26 |
| S1    | 84749 | serial with (communication or transmit\$4 or receiv\$3)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2004/12/30 12:26 |

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|-----|------|---|---|----|-----|------------------|
| S2  | 2992 | S1 and start adj bit\$1                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/12/30 12:26 |
| S3  | 3633 | S1 and start adj2 bit\$1                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/12/30 12:52 |
| S4  | 688  | S3 and (start adj2 bit) with detect\$3          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/12/30 12:29 |
| S5  | 5    | S4 and (error with (notification))              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/12/30 12:52 |
| S6  | 2    | S5 and @ad<="20010222"                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/12/30 12:52 |
| S7  | 407  | 375/369.ccls.                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/12/30 12:52 |
| S8  | 119  | S7 and start adj2 bit\$1                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/12/30 12:52 |
| S9  | 20   | S8 and (error with (notification or detect\$3)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/12/30 12:53 |
| S10 | 18   | S9 and @ad<="20010222"                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/04 07:39 |
| S11 | 3    | S10 and (edge adj detect\$3)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 11:32 |
| S12 | 0    | S11 and bit adj level                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/12/30 13:00 |
| S13 | 407  | 375/369.ccls.                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 11:37 |

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| S14 | 45   | S13 and start with (bit and level) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 11:45 |
| S15 | 43   | S14 and @ad<="20010222"            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 11:46 |
| S16 | 5    | S15 and (edge adj2 detect\$3)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 12:02 |
| S17 | 1104 | 375/362.ccls.                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 11:37 |
| S18 | 6    | S17 and start with (bit and level) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 11:38 |
| S19 | 6    | S18 and @ad<="20010222"            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 11:41 |
| S20 | 1    | S19 and (edge adj2 detect\$3)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 11:38 |
| S21 | 343  | 370/305.ccls.                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 11:44 |
| S22 | 15   | S21 and start with (bit and level) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 11:42 |
| S23 | 15   | S22 and @ad<="20010222"            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 11:42 |
| S24 | 3    | S23 and (edge adj2 detect\$3)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 11:42 |
| S25 | 308  | 370/304.ccls.                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 11:44 |

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|-----|-------|---|---|----|-----|------------------|
| S26 | 45    | S14 and start with (bit and level)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 11:44 |
| S27 | 1     | S25 and start with (bit and level)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 11:45 |
| S28 | 806   | 370/449.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 11:45 |
| S29 | 10    | S28 and start with (bit and level)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 11:45 |
| S30 | + 9   | S29 and @ad<="20010222"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 11:49 |
| S31 | 1     | S30 and (edge adj2 detect\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 11:46 |
| S32 | 19716 | serial adj (communication\$1 or transceiver\$1 or receiv\$3 or transmit\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 11:50 |
| S33 | 1259  | S32 and start adj2 bit\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 12:01 |
| S34 | 17    | S33 and (bit adj2 level) with detect\$3                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 12:02 |
| S35 | 16    | S34 and @ad<="20010222"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 12:02 |
| S36 | 2     | S35 and (edge adj2 detect\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 12:05 |
| S37 | 0     | S36 and error with (detect\$3 or notificat\$3)                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 12:05 |

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| S38 | 2    | S36 and error   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/01 12:05 |
| S39 | 7202 | uart or (universal adj2<br>asynchronous adj2 receiver\$1 adj3<br>transmitter)         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 10:08 |
| S40 | 133  | S39 and (start adj2 bit\$1) with<br>level\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 10:08 |
| S41 | 30   | S40 and error adj3 (detect\$3 or<br>notificat\$3)                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 09:08 |
| S42 | 27   | S41 and @ad<="20010222"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 09:08 |
| S43 | 4    | S42 and (edge adj2 detect\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 09:08 |
| S44 | 1390 | 375/340.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 10:04 |
| S45 | 4151 | S44 and uart or (universal adj2<br>asynchronous adj2 receiver\$1 adj3<br>transmitter) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 10:04 |
| S46 | 111  | S45 and (start adj2 bit\$1) with<br>level\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 09:04 |
| S47 | 23   | S46 and error adj3 (detect\$3 or<br>notificat\$3)                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 09:08 |
| S48 | 27   | S42 and @ad<="20010222"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 10:20 |
| S49 | 4    | S48 and (edge adj2 detect\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 09:09 |

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| S50 | 1121 | 375/232.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 10:04 |
| S51 | 4152 | S50 and uart or (universal adj2 asynchronous adj2 receiver\$1 adj3 transmitter)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 10:04 |
| S52 | 4    | S50 and (uart or (universal adj2 asynchronous adj2 receiver\$1 adj3 transmitter)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 10:05 |
| S53 | 2    | S52 and (error adj (detect\$3 or notificat\$3))                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 11:36 |
| S54 | 117  | (mitsubishi adj2 danki).in.<br>(kabushika adj2 kaisha).as.                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 10:08 |
| S55 | 0    | S54 and (uart or (universal adj2 asynchronous adj2 receiver\$1 adj3 transmitter)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 10:08 |
| S56 | 0    | S54 and (start adj2 bit\$1) with level\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 10:09 |
| S57 | 4993 | (renesas adj2 technology).as.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 10:09 |
| S58 | 10   | S57 and start adj2 bit\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 10:18 |
| S59 | 0    | S58 and error adj2 (detect\$3 or notificat\$3)                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 10:10 |
| S60 | 583  | (start adj2 bit) and (maintain\$3 with level)                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 10:18 |
| S61 | 159  | S60 and error adj2 (detect\$3 or notificat\$3)                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 10:19 |

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| S62 | 93   | S61 and (uart or asynchronous)                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 10:19 |
| S63 | 23   | S62 and edge adj detect\$3                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 10:20 |
| S64 | 20   | S63 and @ad<="20010222"                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 10:20 |
| S65 | 11   | failure with (detect\$3 and (start adj2 bit))               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 11:36 |
| S66 | 8    | S65 and @ad<="20010222"                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/03 11:37 |
| S67 | 2    | (US-5592623-\$ or US-4225960-\$).<br>did.                   | USPAT                                       | OR | OFF | 2005/01/03 11:45 |
| S68 | 900  | 709/225.ccls.   | USPAT                                       | OR | OFF | 2005/01/03 11:45 |
| S69 | 0    | S68 and (start adj2 bit) with (edge adj2 detect\$3)         | USPAT                                       | OR | OFF | 2005/01/03 11:46 |
| S70 | 5    | S68 and (start adj2 bit)                                    | USPAT                                       | OR | OFF | 2005/01/03 11:46 |
| S71 | 0    | S69 and error\$1  | USPAT                                       | OR | OFF | 2005/01/03 11:47 |
| S72 | 4    | S70 and error\$1  | USPAT                                       | OR | OFF | 2005/01/03 11:49 |
| S73 | 19   | failure with (stop adj. bit\$1)                             | USPAT                                       | OR | OFF | 2005/01/03 11:53 |
| S74 | 11   | S73 and error adj (message\$1 or notificat\$3 or detect\$3) | USPAT                                       | OR | OFF | 2005/01/03 11:53 |
| S75 | 11   | S74 and @ad<="20010222"                                     | USPAT                                       | OR | OFF | 2005/01/03 11:53 |
| S76 | 19   | failure with (start adj bit\$1)                             | USPAT                                       | OR | OFF | 2005/01/03 11:53 |
| S77 | 6    | S76 and error adj (message\$1 or notificat\$3 or detect\$3) | USPAT                                       | OR | OFF | 2005/01/03 11:53 |
| S78 | 6    | S77 and @ad<="20010222"                                     | USPAT                                       | OR | OFF | 2005/01/03 11:55 |
| S79 | 6051 | uart or (asynchronous adj communication\$1)                 | USPAT                                       | OR | OFF | 2005/01/03 11:56 |
| S80 | 39   | S79 and (uart with (error with output\$1))                  | USPAT                                       | OR | OFF | 2005/01/03 11:56 |
| S81 | 39   | S80 and @ad<="20010222"                                     | USPAT                                       | OR | OFF | 2005/01/03 12:27 |
| S82 | 24   | S81 and start adj2 bit                                      | USPAT                                       | OR | OFF | 2005/01/03 12:54 |
| S83 | 53   | monitor\$3 with (bit adj2 level)                            | USPAT                                       | OR | OFF | 2005/01/03 12:55 |
| S84 | 10   | S63 and edge adj detect\$3                                  | USPAT                                       | OR | OFF | 2005/01/03 12:55 |
| S85 | 10   | S84 and @ad<="20010222"                                     | USPAT                                       | OR | OFF | 2005/01/03 12:56 |

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| S86 | 10 | S85 and (uart or asynchronous)                         | USPAT | OR | OFF | 2005/01/03 13:17 |
| S87 | 13 | (start adj bit) with ((bit adj2 level) with detect\$3) | USPAT | OR | OFF | 2005/01/03 13:20 |
| S88 | 2  | (start adj bit) with ((bit adj2 level) adj detect\$3)  | USPAT | OR | OFF | 2005/01/03 13:18 |
| S89 | 0  | S87 and bit adj detection adj error                    | USPAT | OR | OFF | 2005/01/03 13:22 |
| S90 | 0  | (start adj bit) with (bit adj detection adj error)     | USPAT | OR | OFF | 2005/01/03 13:23 |
| S91 | 1  | (start adj bit) and (bit adj detection adj error)      | USPAT | OR | OFF | 2005/01/03 13:24 |
| S92 | 0  | (start adj bit adj detection adj error)                | USPAT | OR | OFF | 2005/01/03 13:24 |
| S93 | 0  | (start adj2 bit adj detection adj error)               | USPAT | OR | OFF | 2005/01/03 13:24 |
| S94 | 0  | (start adj2 bit adj detect\$3 adj error)               | USPAT | OR | OFF | 2005/01/03 13:25 |
| S95 | 41 | serial adj data with (interrupt adj request)           | USPAT | OR | OFF | 2005/01/03 13:25 |
| S96 | 40 | S95 and @ad<="20010222"                                | USPAT | OR | OFF | 2005/01/03 13:26 |
| S97 | 12 | S96 and start adj2 bit                                 | USPAT | OR | OFF | 2005/01/03 13:27 |
| S98 | 0  | S97 and bit adj level                                  | USPAT | OR | OFF | 2005/01/03 13:26 |